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PTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/905,186	
	<b>Filing Date</b>	July 13, 2001	
	<b>First Named Inventor</b>	Mary Jeanne Kreek et al.	
	<b>Group Art Unit</b>	1645	
	<b>Examiner Name</b>	Unknown	
<b>Total Number of Pages in This Submission</b>	6	<b>Attorney Docket Number</b>	600-1-284N

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	David A. Jackson, Reg. No. 26,742
Signature	
Date	August 2, 2002

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 2, 2002	
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Date	August 2, 2002

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/905,186
Filing Date	July 13, 2001
First Name of Inventor	Mary Jeanne Kreek
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	600-1-284 N

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name

KATHLEEN A DENIS

Signature

Kathleen A Denis

Date

30 July 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

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**ASSIGNMENT**

WHEREAS, WE,

Mary Jeanne Kreek, a citizen of United States, residing at  
1175 York Avenue, Apt. PHB3  
New York, New York 10021; and

Karl Steven LaForge, a citizen of United States, residing at  
321 West 94th Street, Apt. 6W  
New York, New York 10025;

have invented certain new and useful improvements in

**ALLELES OF THE HUMAN ORPHANIN FQ/NOCICEPTIN RECEPTOR GENE,  
DIAGNOSTIC METHODS USING SAID ALLELES, AND METHODS OF  
TREATMENT BASED THEREON**

for which we have filed an Application for Letters Patent in the United States on July 13, 2001, and was accorded U.S. Serial No. 09/905,186; and

WHEREAS, THE ROCKEFELLER UNIVERSITY,  
an education corporation organized and existing under  
the laws of the State of New York,  
with office at 1230 York Avenue, New York, NY 10021-6399,

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, we the said

MARY JEANNE KREEK and KARL STEVEN LAFORGE

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

THE ROCKEFELLER UNIVERSITY,

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we

hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

THE ROCKEFELLER UNIVERSITY,

its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

THE ROCKEFELLER UNIVERSITY,

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

ROCKEFELLER UNIVERSITY,

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year set opposite our signatures.

Date June 19, 2001<sup>2</sup>

Mary Jeanne Kreek L.S.  
MARY JEANNE KREEK

State of NY :  
County of NY : ss.

Before me this 19 day of June 2001<sup>2</sup>, personally appeared Mary Jeanne Kreek, to me personally known to be the person who is described in and who executed the above

instrument, and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

TERESA L. SOLOMON  
Notary Public, State of New York  
No. 31-4988836  
Qualified in New York County  
Commission Expires Dec. 16, 2006

  
NOTARY PUBLIC

(Affix Seal Here)

Date 6/19/<sup>2</sup>, 2001


  
KARL STEVEN LAFORGE

L.S.

State of NY :  
County of WV : ss.

Before me this 19 day of June <sup>2</sup> 2001, personally appeared Karl Steven LaForge, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

TERESA L. SOLOMON  
Notary Public, State of New York  
No. 31-4988836  
Qualified in New York County  
Commission Expires Dec. 16, 2006

  
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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Mary Jeanne Kreek, and Karl Steven LaForge  
Application No./Patent No.: 09/905,186 Filed/Issue Date: July 13, 2001  
Entitled: ALLELES OF THE HUMANORPHANIN FQ/NOCICEPTIN RECEPTOR GENE,...  
The Rockefeller University, a n education corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.  
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

18 July 2002  
Date

Kathleen Denis  
Typed or printed name  
Kathleen A. Denis  
Signature  
Associate Vice President, Tech. Transfer  
Title

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